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Docket No.: 313688001US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
B. H. Johnson

Application No.: 10/555,899

Confirmation No.: 4474

U.S. Filing Date: November 7, 2005

Art Unit: 1700

For: MICROELECTRONIC SUBSTRATES WITH  
THERMALLY CONDUCTIVE PATHWAYS  
AND METHODS OF MAKING SAME

Examiner: Not Yet Assigned

**FIRST PRELIMINARY AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.